

Norbert Holtkamp
Accelerator Systems Division
Division Director

PHONE: (865) 241-6945
FAX: (865) 241-6739
Cell Phone: (865) 919 1070
E-MAIL: holtkamp@sns.gov

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Commissioning progress:

RFQ Retuning is finished and re-assembly will start once the new tuners are here. No specific reason for the sudden detuning could be found by the experts. We continue to investigate. We forecast resuming operation approximately 2 weeks from today.

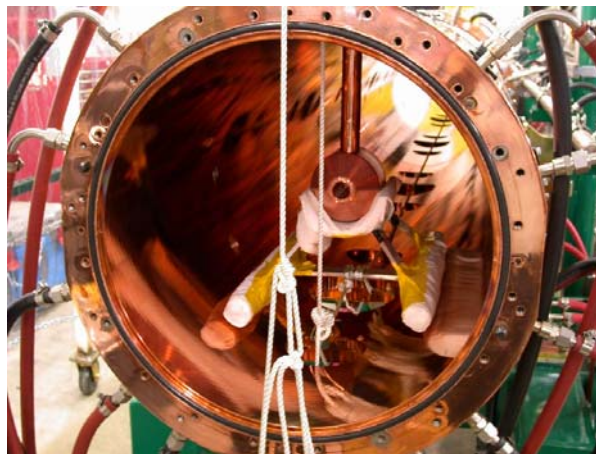
Overview:

The most important achievement over the last two weeks is the repair of the EMD drift tubes. All EMD and BPM drift tubes are at Los Alamos and leak tight. They are in different stages of finishing up and shipment will begin this week (see detailed schedule below). Since some of the dates were actually moved up compared to two weeks ago, installation at ORNL can start earlier.

- On the more unfortunate side, leaks opened up during final profiling of tank 2 DT's. We will try to repair with a cosmetic weld (impact: ~ 1 week or so). If that is not successful, which we will most likely know by the end of this weeks, "ring repair" welds have to be performed, which are well proven to work, but will take more like 3-4 weeks.

ORNL activities

All 21 of the DTL-4 PMQ and empty DT's have been fiducialized and leak tested. DT 4-2 was installed in the DTL-4 tank to test our handling procedure for these large DT's which weight about 23 pounds each. No problems were encountered during installation.



DT 4-2 Installed in the Tank

The detail schedule of DTL installation activities has been updated consistent with our current installation sequence, where DTL-2 is the next tank installed and DTL-2 and -3 are commissioned together. The new IPS will be presented and discussed in the upcoming semiannual review.

Guess
Complete
Negotiating Contract
Next 7 days
Overdue
Change

Component	Engineer	Tank 3					Tank 1				
		Identifier	Quantity	Shipping Date	Delivered	Change from last week	Identifier	Quantity	Shipping Date	Delivered	Change from last week
EMDs	O'Hara		4	23-Oct-03	0	0		4	5-Nov-03	0	0
BPMs	O'Hara		2	28-Oct-03	0	0					
Component	Engineer	Tank 4					Tank 5				
		Identifier	Quantity	Shipping Date	Delivered	Change from last week	Identifier	Quantity	Shipping Date	Delivered	Change from last week
Drift Tubes	Gentzlinger	4A	7	Complete	7		5E	8	27-Oct-03	0	
		4B	6	Complete	6		5F	7	28-Oct-03	0	
		4C	6	Complete	6		5G	8	29-Oct-03	0	
		4D	8	Complete	8						
Dummies	Gentzlinger										
EMDs	O'Hara		4	29-Oct-03	0			4	13-Nov-03	0	
BPMs	O'Hara		2	13-Nov-03	0			2	13-Nov-03	0	
Top hats	Rowton	1.25"	27	Complete	27	27	1.25"	23	27-Oct-03	0	
Shrouds	Rowton		27	Complete	27			23	27-Oct-03	0	
Endwalls	Turon		2	Complete	2			2	Complete	2	
Post Coupler Kits	Rowton		27	Bead Pull + 15	0			23	Bead Pull + 15	0	
Slug Tuners	Rowton		12	Bead Pull + 7	0			12	Bead Pull + 7	0	
Access Ports	Rowton		2	7-Oct-03	0			2	10-Nov-03	0	
RF Grills	Rowton		4	7-Oct-03	0			4	10-Nov-03	0	
Wave Guide-Iris			1	Complete	1	0		1	Complete	1	0
Window	Young		1	Complete	1	0		1	Complete	1	0
Stands	Turon		1	Complete	1			1	Complete	1	0

Milestones		Date					Date				
Ready for RF		?					?				
Ready for Beam		28-Feb-04					28-Feb-04				
Tank Commissioning complete		1-May-04					1-May-04				
Component	Engineer	Tank 6					Tank 2				
		Identifier	Quantity	Shipping Date	Delivered	Change from last week	Identifier	Quantity	Shipping Date	Delivered	Change from last week
Drift Tubes	Gentzlinger	6H	10	5-Nov-03	0		2J	12	18-Nov-03	0	
		6I	11	6-Nov-03	0		2K	12	20-Nov-03	0	
Dummies	Gentzlinger						2L	11	25-Nov-03	0	
							2M	8	26-Nov-03	0	
									None	0	
								4	23-Oct-03	0	
EMDs	O'Hara		4	13-Nov-03	0				2	28-Oct-03	0
BPMs	O'Hara		2	19-Nov-03	0						
Top hats	Rowton	1.25"	21	5-Nov-03	0		.75"	41	18-Nov-03	0	
Shrouds	Rowton		21	5-Nov-03	0		1.00"	6	18-Nov-03	0	
			2	Complete	2			47	18-Nov-03	0	
Endwalls	Turon		2	Complete	2			2	Complete	2	
Post Coupler Kits	Rowton		21	Bead Pull + 15	0			27	Bead Pull + 15	0	
Slug Tuners	Rowton		12	Bead Pull + 7	0			12	Bead Pull + 7	0	
Access Ports	Rowton		2	10-Nov-03	0			1	7-Oct-03	0	
RF Grills	Rowton		4	10-Nov-03	0			4	7-Oct-03	0	
Wave Guide-Iris			1	Complete	1	1		1	Complete	1	1
Window	Young		1	15-Oct-03	0			1	15-Oct-03	1	
Stands	Turon		1	Complete	1	0		1	Complete	1	

Milestones		Date		Date	
Ready for RF		?		?	
Ready for Beam		28-Feb-04		30-Jan-04	
Tank Commissioning complete		1-May-04		1-May-04	